

## CEMENT JOB REPORT



<b>CUSTOMER</b> ENCANA OIL & GAS (USA) INC		<b>DATE</b> 28-JUN-15		<b>F.R. #</b> 10011163130		<b>SERV. SUPV.</b> Daniel F Kuenz						
<b>LEASE &amp; WELL NAME</b> SELTZER-E UNIT #1 - API 05123104900000		<b>LOCATION</b> 34-1N-67W		<b>COUNTY-PARISH-BLOCK</b> Weld Colorado								
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b> WO		<b>TYPE OF JOB</b> Squeeze-Top								
<b>SIZE &amp; TYPE OF PLUGS</b>		<b>LIST-CSG-HARDWARE</b>		<b>MECHANICAL BARRIERS</b>		<b>MD</b>	<b>TVD</b>					
<b>MATERIALS FURNISHED BY BJ</b>		<b>LAB REPORT NO.</b>		<b>PHYSICAL SLURRY PROPERTIES</b>								
				<b>SACKS OF CEMENT</b>	<b>SLURRY WGT PPG</b>	<b>SLURRY YLD FT<sup>3</sup></b>	<b>WATER GPS</b>	<b>PUMP TIME HR:MIN</b>	<b>Bbl SLURRY</b>	<b>Bbl MIX WATER</b>		
Fresh Water					8.34			10				
Class G+.01gpsFP6L				100	15.8	1.15	4.99	02:00	20.5 11.91			
Fresh Water					8.34				0.25			
Class G+1%CaCl+.01gpsFP6L				100	15.8	1.15	4.99	02:00	20.5 11.89			
Fresh Water					8.34				3			
Fresh Water					8.34				10			
Class G+.01gpsFP6L				410	15.8	1.15	4.99	02:00	84 48.73			
Fresh Water					8.34				0.5			
Available Mix Water 80 Bbl.		Available Displ. Fluid 80 Bbl.		<b>TOTAL</b>		148.75		72.53				
<b>HOLE</b>			<b>TBG-CSG-D.P.</b>						<b>COLLAR DEPTHS</b>			
<b>SIZE</b>	<b>% EXCESS</b>	<b>DEPTH</b>	<b>ID</b>	<b>OD</b>	<b>WGT.</b>	<b>TYPE</b>	<b>MD</b>	<b>TVD</b>	<b>GRADE</b>	<b>SHOE</b>	<b>FLOAT</b>	<b>STAGE</b>
7.875	0	8340	8.097	8.625	24	CSG	299	299	J-55			
			4	4.5	11.6	CSG	4798	4798	J-55			
<b>LAST CASING</b>			<b>PKR-CMT RET-BR PL-LINER</b>			<b>PERF. DEPTH</b>		<b>TOP CONN</b>		<b>WELL FLUID</b>		
<b>ID</b>	<b>OD</b>	<b>WGT</b>	<b>TYPE</b>	<b>MD</b>	<b>TVD</b>	<b>BRAND &amp; TYPE</b>	<b>DEPTH</b>	<b>TOP</b>	<b>BTM</b>	<b>SIZE</b>	<b>THREAD</b>	<b>WGT.</b>
										2.375	REG	9
<b>DISPL. VOLUME</b>		<b>DISPL. FLUID</b>		<b>CAL. PSI</b>	<b>CAL. MAX PSI</b>	<b>OP. MAX</b>	<b>MAX TBG PSI</b>		<b>MAX CSG PSI</b>		<b>MIX WATER</b>	
<b>VOLUME</b>	<b>UOM</b>	<b>TYPE</b>	<b>WGT.</b>	<b>BUMP PLUG</b>	<b>TO REV.</b>	<b>SQ. PSI</b>	<b>RATED</b>	<b>Operator</b>	<b>RATED</b>	<b>Operator</b>		
5	BBLS	Fresh Water	8.34	0	0	0	2950	2360	0	0	Water Trucks	
		Fresh Water	8.34									
<b>Circulation Prior to Job</b>												
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: .75			Circulation Rate: 1 BPM			
Mud Density In: 9 LBS/GAL Mud Density Out: 9 LBS/GAL						PV & YP Mud In: 12			PV & YP Mud Out: 12			
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> Units:						Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>						
<b>Displacement And Mud Removal</b>												
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>						Amount Bled Back After Job: .25 BBLS						
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL						Method Used to Verify Returns: Visual						
Cement Returns at Surface: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO						Were Returns Planned at Surface: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES						
Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROICATION <input type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE												
Centralizers: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES						Quantity:			Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID			
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD												
<b>Plugs</b>												
Number of Attempts by BJ: 1 Competition: 0						Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES Quantity:						
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES						Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES						
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES						Top of Plug: 0 FT			Bottom of Plug: 4798 FT			
<b>Squeezes (Update Original Treatment Report for Primary Job)</b>												
BLOCK SQUEEZE <input type="checkbox"/> SHOE SQUEEZE <input type="checkbox"/> TOP OF LINER SQUEEZE <input type="checkbox"/> PLANNED <input type="checkbox"/> UNPLANNED <input type="checkbox"/>												
Liner Packer: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES						Bond Log: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			PSI Applied: 0 Fluid Weight: 0 LBS/GAL			
<b>EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: Rig circulating when we arrived on location</b>												

# CEMENT JOB REPORT



## Casing Test (Update Original Treatment Report for Primary Job)

Casing Test Pressure: 0 PSI With 0 LBS/GAL Mud Time Held: 00 Hours 00 Minutes

## Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: 0 FT Target EMW: 0 LBS/GAL Actual EMW: 0 LBS/GAL  
 Number of Times Tests Conducted: 0 Mud Weight When Test was Conducted: 0 LBS/GAL

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)  
 None

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)  
 None

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)  
 None

### PRESSURE/RATE DETAIL

### EXPLANATION

TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>		
	PIPE	ANNULUS				TEST LINES	3596 PSI	
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
04:00						YARD CALL		
05:45						PRE-JOB CONVOY SAFETY MEETING		
06:00						DEPART BHI YARD		
06:10						ARRIVE ON LOCATION		
06:15						SAFETY WALK AROUND ON LOCATION		
06:20						PRE-RIG UP SAFETY MEETING		
06:25						SPOT CEMENT EQUIPMENT ON LOCATION		
06:30						RIG UP CEMENT EQUIPMENT		
07:00						PRE-JOB SAFETY MEETING		
07:20						MAKE UP TOP CONNECTION TO WELLHEAD		
07:29	796	0	1	1	H2O	LOAD LINES, FRESH WATER SPACER		
07:32	3596	0	0	0	H2O	PRESSURE TEST HARD LINES		
07:36	1896	0	1.7	9	H2O	FRESH WATER SPACER		
07:43	0	0	0	0	CEMENT	BATCH UP CEMENT SLURRY 15.8#		
07:50	1900	0	1.6	20.5	CEMENT	100sks CLASS G @ 15.8# CEMENT SLURRY		
08:04	9	0	.6	.25	H2O	FRESH WATER DISPLACEMENT		
08:05						RIG PULLING 16 JOINTS TUBING		
08:22						MAKE UP TOP CONNECTION TO WELLHEAD		
08:23	0	0	0	0	CEMENT	BATCH UP CEMENT SLURRY 15.8#		
08:26	1869	0	1.6	20.5	CEMENT	100sks CLASS G+1%CaCl @ 15.8# CEMENT SLURRY		
08:39	609	0	1.1	3	H2O	FRESH WATER DISPLACEMENT		
08:42	0	0	0	0	H2O	SHUT DOWN, RIG PULLING TUBING TO 1237'		
08:48						WASH UP CEMENT PUMP TO CATCH TANK		
09:00						SHUT DOWN, ALL EO'S OFF DUTY WELLSITE		
09:30						ALL EO'S BACK ON DUTY		
09:40						MAKE UP TOP CONNECTION TO WELLHEAD		
09:49	869	0	2.1	10	H2O	FRESH WATER SPACER		
09:58	0	0	0	0	CEMENT	BATCH UP CEMENT SLURRY 15.8#		
10:03	1496	0	2.1	66	CEMENT	410sks CLASS G @ 15.8# CEMENTSLURRY		
10:38	69	0	.6	.25	H2O	FRESH WATER DISPLACEMENT		
10:39	0	0	0	0	H2O	SHUT DOWN, RIG CHECKING FLOW LINES TO CATCH TANK		
10:48						RIG PULLING 15 STANDS TUBING		
11:00	1896	0	1.6	14	CEMENT	410sks CLASS G @ 15.8# CEMENT SLURRY		
11:10	36	0	.6	.25	H2O	FRESH WATER DISPLACEMENT		
11:11	0	0	0	0	H2O	SHUT DOWN		

# CEMENT JOB REPORT



PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	3596 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
11:16						RIG PULLING 10 STAND TUBING	
11:29	609	0	1.1	4	CEMENT	410sks CLASS G @ 15.8# CEMENT SLURRY	
11:33	609	0	1	.25	H2O	FRESH WATER DISPLACEMENT	
11:34	0	0	0	0	H2O	SHUT DOWN	
11:36						RIG PULLING TUBING OUT OF HOLE	
11:40						WASH UP CEMENT PUMP TO CATCH TANK	
11:50						SHUT DOWN	
12:00						ALL EO'S OFF DUTY WELLSITE, WAITING ON RIG TO MOVE OFF WELLHEAD, DETERMINE IF ANY TOP OUT CEMENT IS NEEDED	
12:40						COMPANY MAN RELEASED US	
12:45						ALL EO'S BACK ON DUTY	
12:46						POST-JOB SAFETY MEETING, RIG DOWN	
						TOP OF CEMENT @ SURFACE, APPROX 5 BBLS OF CEMENT BACK TO SURFACE	
						THANK YOU FOR YOUR SAFE WORK, GOOD COMMUNICATION & COOPERATION !!!!! DANIEL & THE CREW	

BUMPED PLUG Y <input checked="" type="checkbox"/> N 0	PSI TO BUMP PLUG	TEST FLOAT EQUIP. Y <input checked="" type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 5	TOTAL BBL. PUMPED 148.75	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/> N	Service Supervisor Signature:
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